



July 1996

Evergreen Award For Pollution Prevention

Wacker Siltronic

Portland, Oregon

Wacker Siltronic is a silicon wafer manufacturing company located in Portland, Oregon. Silicon wafers are used to make about 95% of the semiconductor components on the market today. Through significant corporate commitment to pollution prevention over the past decade, Wacker Siltronic has earned an outstanding environmental track record. On July 9, 1996, the U.S. Environmental Protection Agency, Region 10, awarded the Evergreen Award to Wacker based on the following successes.

Pollution Prevention Achievements

In 1985, Wacker Siltronic was known as one of the largest generators of hazardous waste in Oregon. Since that time, the company has:

- * *Completely eliminated* the use of trichloroethylene (TCE) and ozone-depleting chlorofluorocarbons (CFCs) from its production process;
- * *Reduced its hazardous waste generation by 99 percent;*
- * *Reduced air pollution by 89 percent;*
- * *Reduced its solid waste generation by 30 percent;*
- * *Cut the overall use of chemicals at the facility by 47 percent.*

These process changes have all been accomplished while increasing production at the facility, and saving over \$1 million annually in operating costs.

- * Wacker's new "Fab 2 facility," designed to include state-of-the-art energy and water conservation technologies, and will save an estimated 6.5 million kilowatt hours/year.

If this efficiency is equated to pollutants that would have otherwise been generated -- during energy production -- Wacker's conservation efforts will prevent the same amount of carbon dioxide that would be generated annually by 668 autos!

A Commitment to Environmental Quality

- * Wacker's commitment to pollution prevention, outlined in its Corporate Environmental Vision, includes provisions for environmental education, environmental design, world-class manufacturing, pollution prevention, green marketing and remanufacture.
- * Wacker's "Design for the Environment" program builds environmental factors into all aspects of their business, including procurement, research, development, process, product design and manufacturing systems.

Environmental Leadership

- * Wacker has already received numerous awards for their extraordinary environmental efforts, including: the first Oregon Governor's Award for Toxics Use Reduction (1991); EPA recognition for participation in the 33/50 Early Toxics Reduction program (1994); and the City of Portland Award for Excellence in meeting wastewater discharge standards (1993).

The Evergreen Award For Pollution Prevention

EPA's Evergreen Award for Pollution Prevention recognizes Pacific Northwest companies for outstanding achievements in environmental stewardship.

Nominations for the 1996-1997 awards will be accepted through September 30, 1996.

For more information, contact:

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